

Title (en)
METHOD FOR PROCESSING LOST FRAME, AND DECODER

Title (de)
VERFAHREN ZUR VERARBEITUNG VERLORENER RAHMEN UND DECODER

Title (fr)
PROCÉDÉ DE TRAITEMENT DE TRAME PERDUE ET DÉCODEUR

Publication
EP 3595211 B1 20240221 (EN)

Application
EP 19163032 A 20140107

Priority

- CN 201310297740 A 20130716
- EP 14825749 A 20140107
- CN 2014070199 W 20140107

Abstract (en)
[origin: EP2988445A1] Embodiments of the present invention provide a method for processing a lost frame, and a decoder. The method includes: determining a synthesized high frequency band signal of a current lost frame; determining recovery information that corresponds to the current lost frame, where the recovery information includes at least one of the following: a coding mode before frame loss, a frame class of a last frame received before the frame loss, and a quantity of continuously lost frames, where the quantity of continuously lost frames is a quantity of frames that are continuously lost until the current lost frame; determining a global gain gradient of the current lost frame according to the recovery information; determining a global gain of the current lost frame according to the global gain gradient and a global gain of each frame in previous M frames of the current lost frame; and adjusting the synthesized high frequency band signal of the current lost frame according to the global gain of the current lost frame and a subframe gain of the current lost frame, to obtain a high frequency band signal of the current lost frame. The embodiments of the present invention enable transition of a high frequency band signal of a current lost frame to be natural and smooth, and can attenuate noise in the high frequency band signal, thereby improving quality of the high frequency band signal.

IPC 8 full level
H04L 1/00 (2006.01); **G10L 19/005** (2013.01)

CPC (source: CN EP US)
G10L 19/005 (2013.01 - CN EP US); **G10L 19/0208** (2013.01 - US); **G10L 21/0232** (2013.01 - US); **G10L 25/93** (2013.01 - US); **G10L 2025/937** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2988445 A1 20160224; EP 2988445 A4 20160511; EP 2988445 B1 20190605; CN 104301064 A 20150121; CN 104301064 B 20180504; CN 108364657 A 20180803; CN 108364657 B 20201030; DE 202014011512 U1 20210906; EP 3595211 A1 20200115; EP 3595211 B1 20240221; EP 4350694 A2 20240410; EP 4350694 A3 20240612; ES 2738885 T3 20200127; JP 2016529542 A 20160923; JP 6264673 B2 20180124; KR 101807683 B1 20171211; KR 20160005069 A 20160113; US 10068578 B2 20180904; US 10614817 B2 20200407; US 2016118054 A1 20160428; US 2018330738 A1 20181115; WO 2015007076 A1 20150122

DOCDB simple family (application)
EP 14825749 A 20140107; CN 201310297740 A 20130716; CN 2014070199 W 20140107; CN 201810203241 A 20130716; DE 202014011512 U 20140107; EP 19163032 A 20140107; EP 24158654 A 20140107; ES 14825749 T 20140107; JP 2016526411 A 20140107; KR 20157033976 A 20140107; US 201514981956 A 20151229; US 201816043880 A 20180724